

Rpt. 17b.

EXT ^{2/12/32}29493
Index No. 10863.
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

SA 2 FEB. 1921

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Southampton
Date of Survey while Building
Name of Surveyor John A. LawsonMessrs Thornycroft Ship's Name
Yas 4: 998. Port of Registry and Nationality. British Official Number. 145345 Gross Tonnage. 500 Date of Build. 1921 Particulars of Classification. +100 A.1. Contemplates.
Number in Register Book Southampton

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	155.7	26.2	11.45	374.4
Length on LOADLINE.	154.83	Frame Depth <u>5</u> Rule <u>3</u> <u>1 3/4 x 2 = .29</u>	Ceiling <u>fit to</u> Sheer <u>+ .71</u> <u>To Floors</u> <u>11.71</u>	Peak <u>Inclu.</u> Tanks <u>ES + 4.86</u>
CORRECTED DIMENSIONS.	154.83	25.91	12.42	379.26 352.26

Co-efficient of fineness..... .4661
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected46Moulded Depth as measured..... 12.6Addition for Keel below base line for draught record..... 1 1/2 inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 154.83
Length in Table 150.00
Difference 4.83
Correction for 10ft., Table A. 9 Table C. 5
× Difference divided by 10 434 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 .217
+ 1/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered ✓
Thickness of usual wood deck, less stringer 3 1/2 - 3.6 2 3/4 3.14
- 3/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 26.0
Round of Beam 6 1/2
Normal round..... 6 1/2
Difference ✓ ÷ 2 =
Proportion of Deck uncovered (Para. 19) ✓

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A 1" 10 1/2 ✓
Correction for Sheer - 5 3/4 ✓
Correction for Length 1.4 3/4 ✓
Allowance for Deck Erections + 1/4 ✓
Correction for Round of Beam..... 1" 5 ✓
Correction for fall in Sheer (if any)..... - 8 ✓
Correction for Iron Deck (if required) 0.9 ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) gangway will be fitted.
Other Corrections (if any) Height of R.Q.D. 3.6
3" 11 3/4 ✓Winter Freeboard 3' 11 3/4 ✓
Summer Freeboard 1 3/4 3.10 ✓
Indian Summer Freeboard
N.A. Winter FreeboardCorrection necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the R.Q.D. iron deck with side. + 1" ✓Winter Freeboard from deck line 4' 0 3/4 ✓
Summer " " " 3' 11 ✓
Indian Summer " " "
N.A. Winter " " "
R.Q.D. " " "
3' 11" ✓
3 1/4 ✓
1 1/2 ✓

	Length.	Length allowed.	Height.
Forecastle.....	24.72	23.08 22.93	7.25
Bridge House	10.75	10.75	7.25
† Raised Qr. Dk.....	86.46	86.46	3.5
Poop.....			<u>= 3-4 1/2 for fall in Sheer = 3.37</u>
Total	121.93	120.29 154.83	776 ✓
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14) }			<u>66.4 %</u>

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " " "
Winter North Atlantic Line " " "If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.State dimensions of freeing port area on back of this form.
The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.MARKING FORM
28 AUG 1921 RECEIVED

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *across floors*
 Has the ~~Poop~~ Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *no openings*
 Is the ~~Poop~~ Raised Quarter Deck connected with the Bridge House? *yes* Has the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *no openings*
 What is the thickness of the Bridge Front plating? *.24* and Coaming plate? *.34*
 Give scantlings and spacing of the Stiffeners *5 x 3 x .42 B.A. spaced 30' apart*
 Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*
 Has the Bridge House an efficient ~~Iron~~ *Steel* Bulkhead at the after end? *yes*
 How are the openings closed? *no openings*
 Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient ~~Iron or Wood~~ *Steel* Bulk'd. at after end? *yes*
 Are the Engine and Boiler openings covered by a ~~Bridge, Poop, Raised~~ *yes*
~~Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?~~
 If the openings are not so protected, are the exposed parts of the Casings efficiently constructed? *yes*
 Give thickness of plating; scantlings and spacing of Stiffeners *.30 x .24 2 1/2 x 2 1/2 x .24 spaced 30'*
 What is the height of the exposed Casings? *1.25* Are suitable means provided for closing all openings in them in bad weather? *yes*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *yes*

Position and Size.		No. 1. For 23.3 x 15.0		No. 2. 21.6 x 15.0							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	30	24	24						
	Sides.....	.44	.44	.44	.44						
	Ends.....	.44	.44	.44	.44						
SHIFTING BEAMS OR WEB PLATES.	Number	4	4	4	4						
	Section and Scantlings	<i>12 x 6 x 44 lbs R.S.J. To both Hatchways. alternate webs have angles on top.</i>									
	Material										
* FORE AND AFTERS.	Number										
	Section and Scantlings	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>						
	Material										
HATCHES Thickness		2 1/2"	2 1/2"	2 1/2"	2 1/2"						
Remarks.....		WP	WP.	WP	WP.						

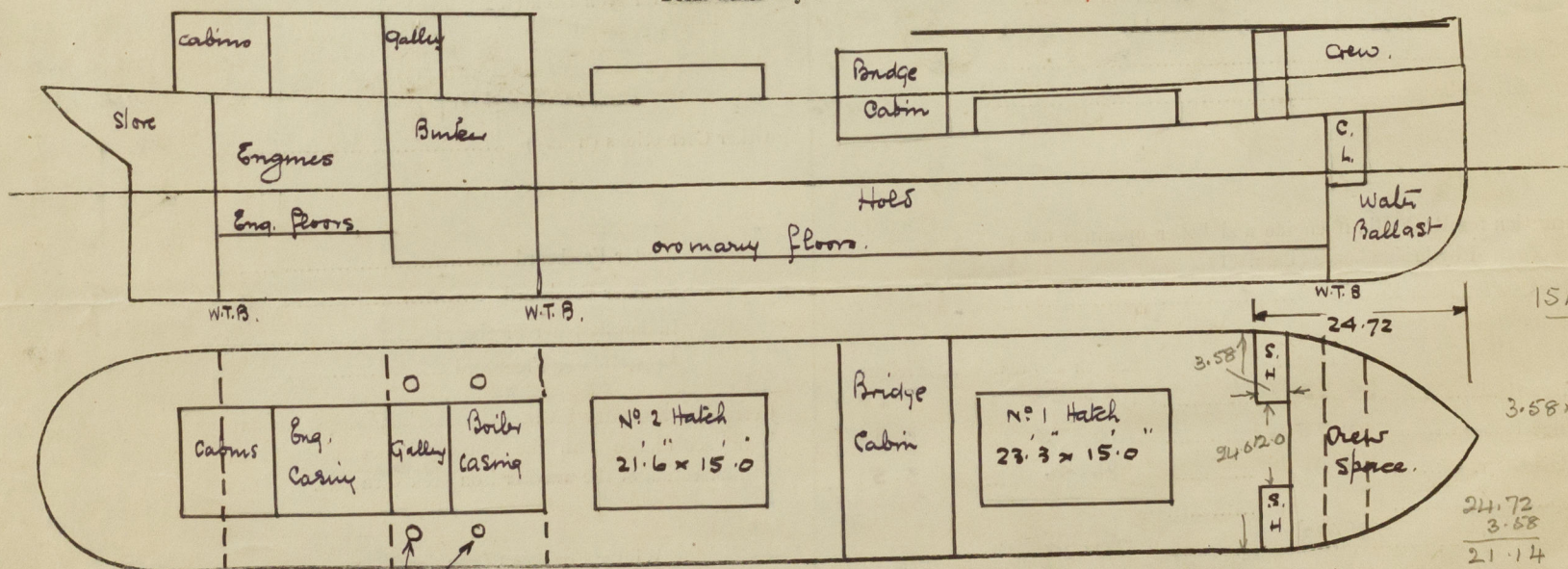
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? *.25* Strake between Main and Bridge Sheerstrakes? *.50*

Delete the words { The Crew are, ~~are~~ not, berthed in the bridge house. *gangway will be fitted.*
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are~~ satisfactory.
 Length of Bulwarks in well *32.59*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.759* Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *10.41* Sq. ft.
3.25 x *1.16* x *3* }
 Total deficiency or excess = *6.62* Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

Displacement *Tons per Inch Scale herewith.*

State any special features in the construction of the Vessel

The above vessel has been built in accordance with the approved plans herewith for reference.

Builders. *Messrs J. & J. Thornycroft & Co. Ltd.*

Address *Southampton.*

Fee £ *4* : *0* : *0*

Received by me



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